

U.S. PATENT AND TRADEMARKS

Washington, D.C. 20231

Box: PATENT APPLICATION

37 CFR 1.53(b) UTILITY PATENT APPLICATION TRANSMITTAL

Inventor(s): Hiroshi IIZUKA, Akikazu YAMAMOTO and Tutomu KUROKAWA

Title: **WATER SOFTENING DEVICE**

Enclosed are:

☒ Specification (29 pages), including Abstract and 19 claims.☒ 3 sheets of drawing containing 3 Figures.☐ Declaration/Power of Attorney☐ This application is filed pursuant to 37 CFR §1 53(b). The Declaration will be filed pursuant to 37 CFR §1 63☐ Assignment and PTO-1595 Cover Sheet☐ A Verified Statement to Establish Small Entity Status Under 37 CFR 1 9 and 37 CFR 1 27☐ IDS and Form PTO-1449 with four references☐ Preliminary Amendment Under MPEP 506 to reduce filing fees.☒ ☒ Certified copy of Priority Document(s) for 35 USC 119 priority claim is to follow: JAPAN 2000-220874 filed July 21, 2000

The filing fee has been calculated as shown below

	(Col. 1)	(Col.2)
FOR:	NO. FILED	NO. EXTRA *
BASIC FEE		
TOTAL CLAIMS	19 - 20 =	*
INDEP CLAIMS	3 - 3 =	*
[ ] MULTIPLE DEPENDENT CLAIM PRESENTED		
[X] LATE FILING OF DECLARATION		
[X] ASSIGNMENT RECORDATION FEE		

\* If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	FEE		RATE	FEE
	\$ 355	OR		\$ 710
X 9 =	\$	OR	X 18 =	\$
X 40 =	\$	OR	X 80 =	\$
+ 135 =	\$	OR	+ 270 =	\$
+ 65 =	\$		+ 130 =	\$ 130
+ 40 =	\$		+ 40 =	\$ 40
TOTAL	\$	OR	TOTAL	\$880 00

☒ The filing fee will be paid with our Response to Missing Parts of Application☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ A duplicate copy of this sheet is enclosed☐ A check in the amount of \$\_\_\_\_\_ to cover the filing fee and assignment recordation fee is enclosed☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-4550☐ Any additional fees required under 37 CFR 1 16 and 1.17

Respectfully submitted,

Dated: July 19, 2001

Lyman H. Smith  
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